

**REGIONAL
WATER QUALITY
CONTROL BOARD**

REGION

4

CALTRANS DISTRICT

7

PREPARED FOR **THE STATE WATER RESOURCES CONTROL BOARD**

STORM WATER MANAGEMENT PROGRAM

REGIONAL WORK PLAN FISCAL YEAR 2002/2003

REGION 4

Los Angeles Regional
Water Quality Control Board

CTSW-RT-01-075



California Department of Transportation
District 7
120 South Spring Street
Los Angeles, CA 90012

April 1, 2002

CERTIFICATION

REGIONAL WORK PLAN
California Regional Water Quality Control Board
Los Angeles Region 4
Fiscal Year 2002/2003
April 1, 2002

CALIFORNIA DEPARTMENT OF TRANSPORTATION DISTRICT 7

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is true, accurate, and complete to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment of knowing violations. [40 CFR 122.22(d)]

Robert Sassaman

District Director

**APPROVAL
REGIONAL WORK PLAN
California Regional Water Quality Control Board
Los Angeles, Lahontan, Central Valley and Central Coast Regions
[Region Numbers 4, 6B, 5F, 3]
Fiscal Year 2002/2003
April 1, 2002**

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1.0 INTRODUCTION

The purpose of the Regional Work Plans (RWPs) is to describe how Caltrans Districts will specifically implement the Statewide Storm Water Management Program (SWMP) within the jurisdiction of each Regional Water Quality Control Board during Fiscal Year 2002-2003 as required by the Caltrans Statewide Storm Water NPDES Permit CAS000003 Order No. 99-06-DWQ (Permit). Implementation activities will be conducted in accordance with the procedures presented in the SWMP. The RWP indicates how District storm water management practices will be modified to improve water quality protection based on evaluation of the previous studies and management activities.

The RWP provides region-specific information on Caltrans facilities, water bodies, and Best Management Practices (BMPs), and monitoring programs according to the following sections:

- Section 1 – Introduction;
- Section 2 – Personnel and Responsibilities;
- Section 3 – District Facilities and Water Bodies;
- Section 4 – High Risk Areas; and
- Section 5 – Implementation Activities.

2.0 CALTRANS PERSONNEL AND RESPONSIBILITIES

Portions of Caltrans Districts 7 fall within the jurisdiction of the Los Angeles Regional Water Quality Control Board (LARWQCB), Lahontan Regional Water Quality Control Board, Central Valley Regional Water Quality Control Board, and Central Coast Regional Water Quality Control Boards. Organization charts for District 7 are included in Figure 2-1. Staffs responsible for implementing the SWMP within the LARWQCB jurisdiction are listed in Table 2-1.

In compliance with Permit Section M.10.b, the following positions listed in Table 2-2 are authorized to sign the documents, reports and other information submitted by the District to either the State Water Resources Control Board or the Regional Water Quality Control Board(s).

TABLE 2-2: SIGNATORY AUTHORITY FOR KEY DOCUMENTS

[Positions or Individuals]	Documents Authorized for Signature
Office Chief and Above	Notification of Construction (NOC)
Resident Engineer	Notice of Completion of Construction (NCC)
Project Engineer	Aerially Deposited Lead (ADL) Notification

SECTION TWO

Regional Work Plans

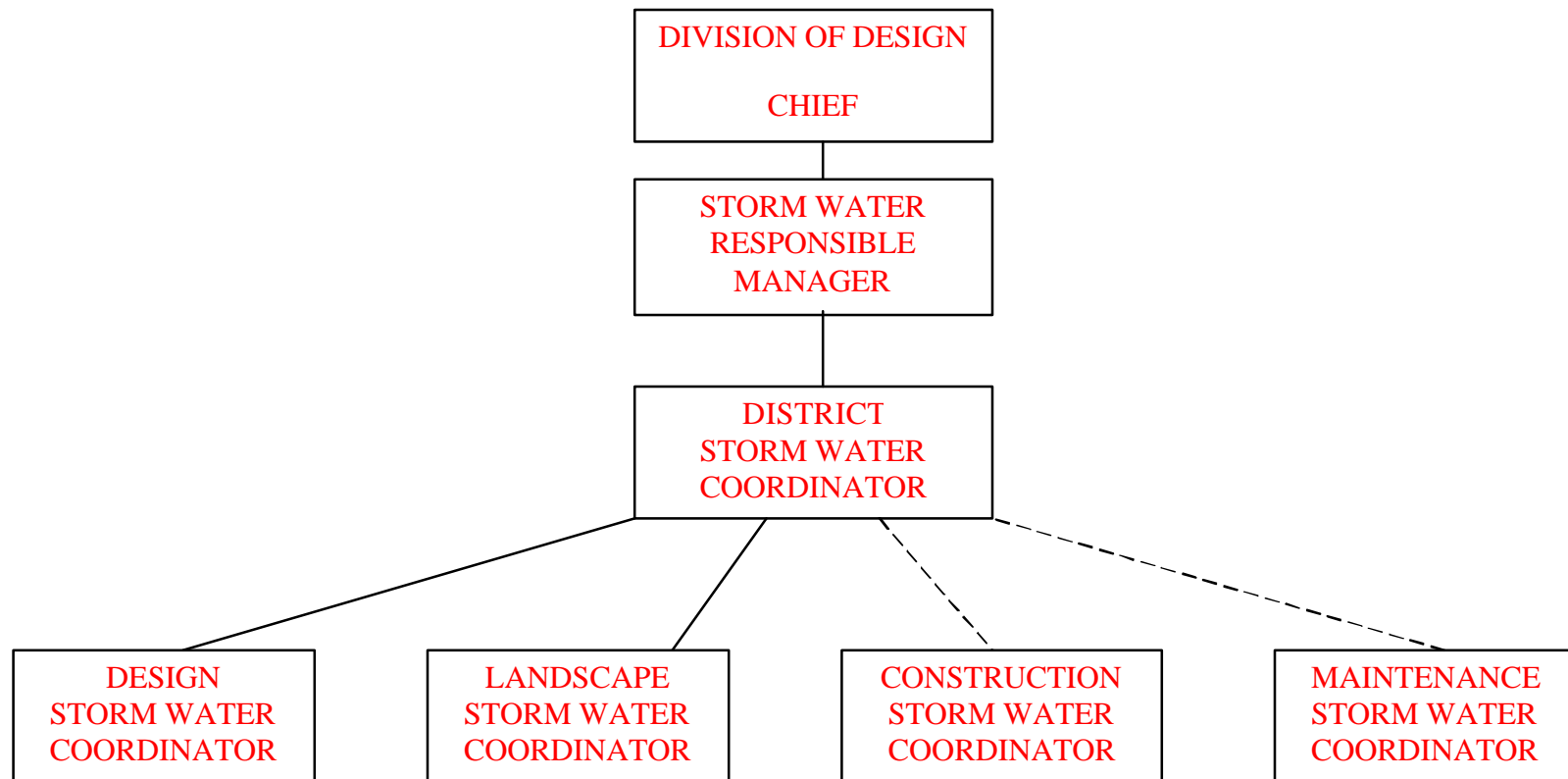
TABLE 2-1: CALTRANS STORM WATER PERSONNEL AND RESPONSIBILITIES

Staff	Title	Phone Number	E-Mail Address	Responsibilities
Jai Paul Thakur	District Responsible Manager	(213) 897-7546	Jai_Paul_Thakur@dot.ca.gov	Primary contact for all storm water issues. Oversees all NPDES office employees within the Districts.
Shirley Pak	District/Design NPDES Storm Water Coordinator	(213) 897-0428	Shirley_Pak@dot.ca.gov	The point of contact for regulatory inquiries for implementing the Statewide SWMP. Receiving and responding to public inquiries made to the Districts regarding storm water management issues. Evaluating guidelines, guidance documents, training material, project plans, contract specifications, BMPs for use by design personnel.
Hai Ching Pan	Landscape Storm Water Coordinator	(213) 897-0627	HaiChing_Pan@dot.ca.gov	Provide technical support on erosion control and landscaping issues to implement storm water policies. Review and comment on highway slope and drainage design and BMPs research projects. Coordinate and respond to NRDC lawsuit related inquiries on landscaping and provide technical support in setting up the annual element projects. (From Section 10.3 in SWMP)
Bob Wu	District TMDL Coordinator	(213) 897-8636	Robert_Wu@dot.ca.gov	Coordinated Trash Total Maximum Daily Load (TMDL) program between District 7 and LARWQCB. Coordinate the storm drain outfall inventory in Ventura County and Los Angeles County.
James Burt	District Storm Water Construction Coordinator	(213) 897-1960	James_Burt@dot.ca.gov	Conducts inspections to assist the RE in ensuring that storm water controls are implemented on construction sites and to assist the REs in reviewing SWPPPs/WPCPs for adequacy. Provides training to district construction personnel. Prepared Annual BMP Effectiveness Report to NRDC.
Martin Sanchez John Garner	District Storm Water Maintenance Coordinator	(213) 620-5020 (213) 620-2110	Martin_Sanchez@dot.ca.gov John_Garner@dot.ca.gov	Primary contact for Maintenance storm water issues. Coordinating, tracking and reporting the District's response to illicit connections/ illegal discharges (IC/IDs) and non-permitted non-storm water discharges.
Ron Russak	District Storm Water Annual Element Coordinator	(213) 897-0233	Ron_Russak@dot.ca.gov	Select, Identify, Estimate, Define and Develop the Annual Element Soil Stabilization Program. Review and track the status of the Program and operations for each year's projects. Prepare reports for submittal to NRDC Consultants.

SECTION TWO

District Specific Activities

FIGURE 2-1
District 07 – Storm Water Organization Chart



3.0 DISTRICT FACILITIES AND WATER BODIES

This section identifies Caltrans facilities and water bodies within each District and Regional Board jurisdiction. A list of Caltrans facilities, excluding roadways, is presented in Table 3-1. Maps showing the District 07 boundaries within the Los Angeles Regional Water Quality Control Board (LARWQCB), and major roads and highways are presented on Figure 3-1.

TABLE 3-1: DISTRICT 7 FACILITIES

CO	RTE	PM	NAME	COMMENTS
Maintenance Stations				
LA		0.0	Century	Highway Maintenance, 5360 Imperial Hwy, Los Angeles, 90045
VEN	1	3.8	Big Sycamore	Highway Maintenance, 9077 Pacific Coast Hwy, Oxnard, CA 93030
VEN	1	43.7	Las Flores	Highway Maintenance, 3503 Las Flores Canyon Road, Malibu, CA 90265
LA	2	1.8	Altadena	Highway Maintenance, 2122 North Windsor, Altadena, CA 91011
LA	2	48.5	Chilao	Highway Maintenance, Star Toute, La Canada, CA 91011
LA	5	1.5	Lebec	Highway Maintenance, 36282 Golden State Hwy, Lebec, CA 93243
LA	5	5.0	Tejon Mtn. Safety	Special Crews
LA	5	10.3	Central/Bandini	Highway Maintenance, 7300 E. Bandini Blvd, Commerce, CA 90040
LA	5	19.2	Los Angeles	District 7 Office, 120 Spring Street, Los Angeles, CA 90012
LA	5	22.5	Silver Lake	Highway Maintenance, 2187 Riverside Drive, Los Angeles, CA 90039
LA	5	22.5	Highland Park	Special Crews, 2187 Riverside Drive, Los Angeles, CA 90039
LA	5	28.8	Burbank Electrical	Special Crews, 524 South Flower St., Burbank, CA 91502
LA	5	31.2	Buena Vista	Landscape Maintenance, 2600 N San Francisco Road, Burbank, CA 91504
LA	5	35.9	Sheldon Street	Landscape Maintenance, 12398 Sheldon St., Sun Valley, 91352

TABLE 3-1: DISTRICT 7 FACILITIES

CO	RTE	PM	NAME	COMMENTS
Maintenance Stations (continued)				
LA	7	24.6	Humphrey Street/East LA	Highway Maintenance, 102 South Humphrey Av., Los Angeles, CA 90022
LA	10	8.8	Apple St	Landscape Maintenance, 5700 Apple St, Los Angeles, CA 90016
LA	10	14.3	Middlebury	Landscape Maintenance, 1146 West 20 th Street, Los Angeles CA 90007
LA	10	14.8	Metro Electrical	Special Crews, 1824 S. Cherry St. Los Angeles, CA 90015
LA	10	17.0	Alameda	Highway Maintenance Special Crews, 1740 East 15 th Street, Los Angeles, CA
LA	10	45.8	Pomona	Landscape Maintenance, 1698 West Mission, Pomona, CA 91766
LA	110	29.3	Arroyo Seco	Landscape Maintenance, 6740 Harmion Way, Los Angeles, CA 90042
LA	14	67.4	Lancaster	Highway Maintenance, 44023 Sierra Hwy, Lancaster, CA 93534
VEN	33	11.2	Ojai Yard	Highway Maintenance, 1116 Maricopa Hwy, Ojai, CA 93023
LA	47	1.9	San Pedro	Landscape Maintenance, 133 Seaside Ave., Terminal Island, CA 90731
LA	47	1.9	Bridge Crew	Special Crews, 133 Seaside Ave., Terminal Island, CA 90731
LA	47	1.9	Vincent Thomas Paint	Special Crews, 133 Seaside Ave., Terminal Island, CA 90731
LA	57	4.5	Diamond Bar	Highway Maintenance, 21420 E. Golden Springs Road, Rosemead, CA 91770
LA	60	11.9	Eastern Region	Highway Maintenance, 4425 East 3 rd Street, Los Angeles, CA 90022

TABLE 3-1: DISTRICT 7 FACILITIES

CO	RTE	PM	NAME	COMMENTS
Maintenance Stations (continued)				
VEN	90	2.5	Aviation	Highway Maintenance, 5650 Selarine Drive, Culver City, CA 90230
LA	91	15.7	Bellflower	Highway Maintenance, 10147 Flora Vista St, Bellflower, CA 90701
LA	91	17.0	Cerritos	Landscape Maintenance, 16849 Studebaker Road, Cerritos, CA 90701
LA	101	11.2	North Hollywood	Highway Maintenance, 11210 Moorpark St, N. Hollywood, CA 91062
VEN	101	12.3	Camarillo	Highway Maintenance, 4821 Adohr Lane, Camarillo, CA 93012
VEN	101	21.2	Tarzana	Highway Maintenance, 5660 Reseda Blvd, Tarzana, CA 91356
VEN	101	30.9	Ventura	Highway Maintenance, 157 South Garden St, Ventura, CA 93001
VEN	107	4.3	Torrance Yard	Highway Maintenance, 18101 Balley Drive, Torrance, CA 90504
VEN	118	17.2	Moorpark	Highway Maintenance, 626 Fitch, Moorpark, CA 93021
LA	126	11.4	Newhall & North Region	Highway Maintenance, 23922 San Fernando Rd, Newhall, CA 91321
LA	126	12.1	Harvard St	Landscape Maintenance, 1100 Harvard Street, Santa Paula, 93060
LA	126	20.4	Filmore	Highway Maintenance, 1261 Ventura Street, Filmore, CA 93015
LA	164	6.7	Rosemead	Highway Maintenance, 9153 East Lower Azusa Road, Rosemead, CA 91770
LA	210	34.9	Foothill	Highway Maintenance, 850 E. Huntington Dr, Monrovia, CA 91016
LA	210	34.9	Pump Repair Crew	Special Crews, 850 E. Huntington Dr, Monrovia, CA 91016

TABLE 3-1: DISTRICT 7 FACILITIES

CO	RTE	PM	NAME	COMMENTS
Maintenance Stations (continued)				
LA	405	2.2	Willow Street Electrical Crew	Special Crews, 5510 E Willow St, Long Beach, CA 90815
LA	405	7.2	Pacific Place	Landscape Maintenance, 3725 Pacific Place, Long Beach, CA 90806
LA	405	8.1	Long Beach	Highway Maintenance, 22101 Santa Fe Avenue, Long Beach, CA 90810
LA	405	13.3	Artesia	Landscape Maintenance, 911 West 190 th Street, Gardena CA 90247
LA	405	29.5	Sawtelle	Highway Maintenance, 2410 Sawtelle Blvd, Los Angeles, Ca 90064
LA	405	29.5	Westdale	Highway Maintenance, 2733 South Sepulveda, Los Angeles, CA 90064
LA	405	30.7	Westwood Electrical Crew	Special Crews, 1200 S. Sepulveda Blvd., Los Angeles, CA 90025
LA	405	48.6	San Fernando	Highway Maintenance, 11930 Blucher Street, Granada Hills, CA 91344
LA	605	9.5	Florence	Highway Maintenance, 10903 Florence Ave, Downey, CA 90240
Vista Points				
NONE.				
Commercial Vehicle Enforcement Facilities				
LA	5	R54.4	Castaic	Northbound (NB)
VEN	101	9.2	Conejo	Southbound (SB)
VEN	101	9.0	Conejo	NB
LA	405	12.2	Carson	SB
LA	405	11.7	Carson	NB

TABLE 3-1: DISTRICT 7 FACILITIES

CO	RTE	PM	NAME	COMMENTS
Safety Roadside Rest Areas				
None.				
Park and Ride Facilities				
LA	2	17.0	Verdugo	Verdugo Blvd at Hilldale Dr, La Canada
LA	2	23.1	La Canada	SW corner Foothill Blvd in La Canada
LA	5	8.3	Lakewood East	Route 5 at Lakewood Blvd in Downey
LA	5	8.3	Lakewood West	SE corner Lakewood & Vista Del Rosa
LA	10	40.5	Via Verde	NW corner Via Verde in San Dimas
LA	10	45.7	Garey/Route 10	SE corner Garey & McKinley Avenues in Pomona
LA	14	27.1	Newhall East Lot	E side Route 126 in Newhall
LA	14	27.1	Newhall West Lot	SW corner Route 126 & Sierra Hwy in Newhall
LA	14	27.1	Golden Valley	Golden Valley
LA	14	66.7	Ave K at Route 14	NW corner Ave K & Route 14 in Lancaster
LA	57	3.4	Pathfinder Road	Pathfinder Road at Route 57 in Diamond Bar
LA	60	25.6	Diamond Bar East	NE corner Diamond Bar Blvd
LA	60	25.6	Diamond Bar West	NW corner Diamond Bar Blvd.
LA	91	R11.4	Butler-Long Beach	SE corner Butler Ave & Artesia Blvd
LA	101	35.1	Kanan (N)	SE corner Kanan & Roadside in Agoura Hills

TABLE 3-1: DISTRICT 7 FACILITIES

CO	RTE	PM	NAME	COMMENTS
Park and Ride Facilities (continued)				
LA	101	35.1	Kanan (S)	NW corner Kanan Rd. intersection with Canwood
VEN	101	7.0	Borchard	NE corner Borchard Rd in Thousand Oaks
VEN	101	12.3	Pleasant Valley	Pleasant Valley Rd. in Camarillo
VEN	101	15.7	Los Posas	SE corner Los Posas Road IC in Camarillo
LA	105	2.2	Aviation	Route 105 at Aviation, El Segundo
LA	105	3.7	Hawthorne Blvd.	Route 105 at Hawthorne Blvd in Hawthorne
LA	105	5	Crenshaw	Route 105 on 120th St, Inglewood
LA	105	7.4	Vermont Avenue	Route 105 at Vermont Avenue, Athens
LA	105	7.7	Century/Harbor Jct.	Route 105 & Route 110 near Hoover St, in Los Angeles
LA	105	8.9	Avalon	Route 105 at Avalon in L.A.
LA	105	10.4	Willowbrook	Wilmington (Blue Line), Willowbrook
LA	105	11.6	Long Beach Blvd.	Route 105 at Long Beach Blvd, Lynwood
LA	105	17.4	Lakewood Blvd.	Route 105 at Lakewood Blvd, Downey
LA	105	18.8	I-105 Termination	Route 105 at Studebaker, Norwalk
LA	110	1.2	San Pedro II	515 N. Beacon at Harbor in San Pedro

TABLE 3-1: DISTRICT 7 FACILITIES

CO	RTE	PM	NAME	COMMENTS
Park and Ride Facilities (continued)				
LA	110	1.3	San Pedro	Battery and Gaffey Streets
LA	110	6.8	Carson	Route 110 at Carson St in Los Angeles County
LA	110	15.8	Manchester	Route 110 at Manchester in Los Angeles
VEN	118	17.5	Moorpark College	Route 118 at Collins Ave in Moorpark
VEN	118	25.7	Sycamore Dr.	Sycamore Dr. IC SW corner in Simi Valley
VEN	118	28.8	Stearns-Simi	SE corner Stearns St in Simi Valley
LA	126	12.2	Oak Creek Ave.	0.5 miles W Rte. 14
LA	170	16.6	Oxnard Street	SE corner Oxnard St IC in N Hollywood
LA	210	R16.1	Lowell	SE corner Lowell Ave in Glendale
LA	210	R41.5	Grand Ave	SE corner Grand & Baseline in Glendora
LA	210	6.0	Paxton	SE corner Paxton St in Pacoima
LA	210	29.4	Sierra Madre Blvd.	Sierra Madre Blvd. at Route 210
LA	210	44.2	Lone Hill	Route 210 at SE corner Lone Hill in Glendora
LA	210	47.2	Via Verde	Via Verde IC NW corner in San Dimas
LA	405	43.0	Van Nuys Blvd.	NE corner Van Nuys Blvd/Keswick
Sand and Salt Staging Areas				
LA	2	61.8	Cedar Springs	Sand and Salt Storage

TABLE 3-1: DISTRICT 7 FACILITIES

CO	RTE	PM	NAME	COMMENTS
Sand and Salt Staging Areas (continued)				
LA	5	68.0	Whittier	Sand and Salt Storage, 1940 South Workman Mill Rd, Whittier, CA 90601
LA	5	75.6	Liebre	Sand and Salt Storage
LA	5	81.9	Quail Lake	Sand and Salt Storage
LA	14	46.8	Ward Road	Sand and Salt Storage
Toll Road and Toll Bridge Plazas				
SANP	47	2.2	Vincent Thomas	Vincent Thomas Bridge

Lists and maps of the Department of Water Resource Hydrologic Units located within the coverage area are presented in Appendix A of the SWMP. Specific information on Caltrans facilities and water bodies may also be found at the following website: <http://stormwater.water-programs.com>

4.0 HIGH RISK AREAS

A list of high-risk areas within District 7 is presented in Table 4-1. High risk areas are defined in the Section E.2 of the Permit to include areas such as locations where spills from Caltrans owned right-of-ways, activities, or facilities can discharge directly to municipal or domestic water supply reservoirs or ground water percolation facilities. **Table 4-1 shows high-risk areas for surface water.** These are the high-risk areas that must be monitored in cases of accidental spill. Additional sites may be added to the high-risk list based on discussion between the L.A. Regional Water Quality Control Board (RWQCB) and Caltrans. The Permit requires consideration of appropriate spill containment and spill prevention control measures for these areas.

In order to generate the list of high-risk municipal and domestic water supply reservoirs and ground water percolation facilities Caltrans first contacted known public and private water supply providers. From the information received, Caltrans determined which facilities were susceptible to a direct spill from a Caltrans activity or facility. This determination was based on proximity between the water body and Caltrans facility, use characteristics of the facilities, and the probable spill response time.

Caltrans will consider and implement spill containment and prevention control measures in accordance with the processes contained in the SWMP including Section 3 for BMP identification and implementation, Section 4.4.1 for new construction projects or Section 4.4.2 for retrofit projects that are within these areas.

TABLE 4-1: HIGH RISK AREAS (SURFACE WATER)

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 210 PM 36-37	LA	Santa Fe Flood Control Basin	Located on the San Gabriel River, 4 miles downstream from the mouth of the San Gabriel Canyon. The primary purpose of the dam is to provide flood protection for the densely populated area between the dam and Whittier Narrows Reservoir.	
SR 405 PM 40-41	LA	Sepulveda Flood Control Reservoir	Located on the L.A. River at the junction of 405 and 101 Freeways. The reservoir's purpose is to collect flood runoff temporarily and release to the L.A. River at a flow rate that does not exceed the downstream channel capacity.	
SR 39 PM 17.5-26.0	LA	San Gabriel River Reservoir	This is located in the San Gabriel Canyon, 7.5 miles north of the City Azusa. The main use and purpose of the reservoir is for flood control and water conservation.	
SR 2, PM 13-14	LA	Silver Lake Reservoir	The reservoir is owned by the city of LA and was constructed in 1976. The reservoir is 77 acres with a storage capacity of 2020 acre-ft.	
SR 5, PM 23	LA	Silver Lake Reservoir	The reservoir is owned by the city of LA and was constructed in 1976. The reservoir is 77 acres with a storage capacity of 2020 acre-ft.	

SECTION FOUR

Regional Work Plans

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 5, PM 41-43	LA	Lower San Fernando Storm Water Detention Basin	A large reservoir 1.6 miles long and 130 feet deep. The reservoir works in conjunction with the main Los Angeles Aqueduct System, which supplies 80% of the cities water.	
SR 19, PM 18	LA	Whittier Narrows Flood Control Basin	The dam provides water conservation storage and is also the central element of the LA County Drainage Area flood control system. The purpose of the project is to collect runoff from the uncontrolled drainage areas upstream along with releases into the San Gabriel River from Santa Fe Dam.	
SR 23, PM 1-3	Ventura	Las Virgenes Reservoir	The reservoir is capable of holding up to 9,800 acre-feet of water stored in times of high supply and from natural rain runoff. The reservoir was built to assure reliable potable water delivery in time of drought, in emergency, or if regular supplies from MWD are interrupted.	
SR 27, PM 16-18	LA	Chatsworth Reservoir	The reservoir is owned by the city of LA and was constructed in 1918. The reservoir is 607 acres with a storage capacity of 9886 acre-ft.	

SECTION FOUR

Regional Work Plans

Road Segment/ Facility	County	High Risk Area	Description	Comments
SR 57, PM 2	LA	Puddingstone Reservoir	The reservoir is a flood control and water conservation project constructed by the Los Angeles County Flood Control District. The reservoir area is 490 acres with the storage capacity of 16342 acre-ft.	
SR 60, PM 10-12	LA	Whittier Narrows Flood Control Basin	The dam provides water conservation storage and is also the central element of the LA County Drainage Area flood control system. The purpose of the project is to collect runoff from the uncontrolled drainage areas upstream along with releases into the San Gabriel River from Santa Fe Dam.	
SR 101, PM 18-20	LA	Sepulveda Flood Control Reservoir	The reservoir is a flood control project constructed by the Army Core of Engineers. The purpose of the reservoir is to collect flood run off from the uncontrolled drainage areas upstream, store it temporarily, and release it to the LA River.	

5.0 IMPLEMENTATION ACTIVITIES

This section presents specific project work planned for the year and indicates BMP implementation improvements. The anticipated schedule of construction and maintenance activities is subject to change. Caltrans will discuss with the RWQCBs new projects meeting the criteria listed below when ground disturbance takes place or when significant maintenance activities are initiated during the year. These projects are updates to the RWP provided in April.

Table 5-1 includes a list of construction projects that meet one or more of the following criteria:

- The project involves greater than 5 acres (1 acre after 2003) of land disturbance, designated as “SWPPP”;
- The project affects a 303(d) listed water body within the project limits, designated as “303d”;
- The project requires a 401 Water Quality Certification or Waiver, designated as “401”;
- The project is a Supplemental Environmental Project (water quality project negotiated by the RWQCB and Caltrans) designated as “SEP”;
- The project is a storm water retrofit project (SWMP Section 4.4.2), designated as “Retro”;
- The project includes Lahontan Regional Water Quality Control Board specific requirements for the Lake Tahoe Hydrologic Unit, designated as “LT”;
- The project limits are with a “High Risk Area,” designated as “HR”; and
- The project is designated by a RWQCB as posing a potential threat to water quality, designated as “RB.”

The information presented in Table 5-1 is intended to facilitate early RWQCB staff input in the project planning phase in accordance with Section L.8 of the Permit and Section 4.4 of the SWMP. The goal is to resolve water quality issues that may affect project funding, permitting, and scheduling. The Caltrans postmile map is to help the RWQCB staff locate the projects. In addition, projects that require RWQCB review and approval of project SWPPPs/WPCPs in accordance with Sections H.8 and L.8 of the Permit are also covered in Table 5-1.

Table 5-2 presents a list of anticipated significant maintenance projects that have the potential to impact water quality and provides early notification of such activities. It also includes region-specific issues and BMP actions/modifications based on program evaluations discussed in current and/or past Annual Report(s).

Table 5-3 summarizes various program management activities that are part of the Storm Water Pollution Prevention Program.

Table 5-1: District 7 Anticipated Project Development / Construction Schedule
Central Coast Region

No.	SWMP Category	EA#	Co.	Route	PM	Description	Hydrologic Unit	Water Bodies Affected	Criteria*	Anticipated Project Development Schedule			Construction Period	
										Project Scoping (PID) Preliminary Env. Evaluation	Project Dev. (PAED) - Draft EIS/EIR	Final Design (PS&E) - Permits & Mitigation	Start Date	Completion Date
						NONE								

*SWMP Category

SWMP Category is defined in SWMP Section 4.4.1, Table 4-3

- (A) Beginning of Project Development Process prior to approval of the PSR
- (B) PSR approved but Environmental Documents are not final
- (C) Environmental Documents are final
- (D) Environmental Documents final, design complete and project in the construction phase of project delivery

* Criteria

- SWPPP = Greater than five (5) acres of land disturbance or greater than one acre of land disturbance after 2003.
- 303d = 303 (d) listed water body within project limits and affected by project. All projects indicated are 303d non-visible pollutants unless indicated by (SED). The only 303d listed waterbody with sediment pollution is the Mugu Lagoon for Region 4, and Bear C
- 401 = 401 Certification/Waiver required
- SEP = Supplemental Environmental Project
- Retro = Storm Water Retrofit Project (SWMP 4.4.2)
- LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit
- HR = Project limits within High Risk Area
- RB = RWQCB designated project as a potential threat to water quality

*ALL PROJECTS ARE ASSUMED TO HAVE A DISTURBED SOIL AREA OF ONE (1) ACRE OR MORE

SECTION FIVE

Regional Work Plans

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Significant Road Maintenance Activities (1)							
County	Route	PM	Description	Water Bodies Affected	Criteria(2)	Start Date	Completion Date
LA	Various	Various	Install full capture devices to collect trash at drain outlets.	Los Angeles River, Ballona Creek	303d	Dec, 03	Aug, 04
LA	Various	Various	Install full capture devices to collect trash at drain outlets.	Los Angeles River, Ballona Creek	303d	July, 04	Mar, 05
LA	Various	Various	Reconstruct existing BMPs to optimize their performance.	Various	Retro	Feb, 03	Aug, 03
LA	5	70.0-88.6**	Snow removal	Pyramid Lake	401	11-15-02	3-31-03
LA	5	36.3-77.7	Basin, culvert & drop inlet cleaning	Tujunga Wash, Bull Creek, Santa Clara River	303d	7-1-02	6-30-03
LA	14	24.5-77.0*	Basin, culvert & drop inlet cleaning. Shoulder grading & slide removal	Newhall Creek, Placerita Creek, Agua Dulce Creek, Santa Clara River Watershed, Anaverde Wash, Amargosa Wash & California Aqueduct	303d, 401	7-1-02	6-30-03

SECTION FIVE

Regional Work Plans

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

LA	14	24.5-77.0*	Snow removal	Newhall Creek, Placerita Creek, Agua Dulce Creek, Santa Clara River Watershed, Anaverde Wash, Amargosa Wash & California Aqueduct	303d, 401	11-15-02	3-31-03
LA	47	BR 53-1471	Bridge cleaning & painting	Pacific Ocean	303d	7-1-02	6-30-02
LA	60	19.3-24.7	Ditch cleaning	Walnut Cr. & San Jose Creek	303d	7-1-02	6-30-03
LA	101	10.8-15.5	Sweeping, graffiti	Los Angeles River, Tujunga Wash	303d	7-1-02	6-30-03
LA	103	1.4-1.8	Culvert cleaning	Pacific Ocean	303d	7-1-02	6-30-03
LA	126	2.0	Culvert cleaning	Santa Clara River	303d	7-1-02	6-30-03

SECTION FIVE

Regional Work Plans

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

VEN	126	5.0-34.6	Shoulder grading. Basin, culvert and drop inlet cleaning	Franklin Barranca, Wesson Bar, Ellsworth Bar, Todd Bar, Haines Bar, Adams Bar, Santa Paula Creek, Haun Creek, O'Leary Creek, Lord Creek, Sespe Creek, Pole Creek, Fall Creek, Hopper Creek, Piru Creek, Camulos Creek & Santa Clara River	303d	7-1-02	6-30-03
VEN	150	18.5-32.3	Basin & culvert cleaning. Shoulder grading & slide removal	San Antonio Creek, Thacher Creek, Lion Cyn Creek, Sycamore Creek, Sisar Creek & Santa Paula Creek	401	7-1-02	6-30-03
Maintenance Facility and Activity Inspections							
All Maintenance Facilities are scheduled for inspection by the Maintenance Storm Water Coordinators.							
One inspection of Maintenance activities for each Region will be conducted by Maintenance Storm Water Coordinators.							
Maintenance Facility BMP Improvements							
BMPs at sand storage sites							

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Maintenance BMP Actions/Modifications
Shoulder maintenance improvements, minimize shoulder disturbance, shoulder work will be implemented only to correct /repair drop-offs for safety and preservation of structure.
Vector waste disposal is done only at prior approved sites, wet material is placed into dewatering bins and dry material into approved containment structures / facilities. Material is sampled/tested to determine its appropriate disposition.
Road Grinding Reuse: No planned use of grindings, use of grindings would incite an evaluation of the proposed location.

TABLE 5-2: ANTICIPATED MAINTENANCE ACTIVITIES AND OTHER MANAGEMENT PRACTICES

Vegetation Management and Vegetated Slope Management				
<p>Vegetation Control Plan</p> <p>The District 7 Vegetation Control Plan (VCP) for FY 2002/03 is under development. The VCP goal is to minimize the discharge of the chemicals to receiving waters by reducing chemical use for vegetation control. The VCP includes the following major items:</p> <ul style="list-style-type: none"> Type of chemical to be applied and form (dry or liquid) Application locations, lengths, widths, total area, rates, frequency, total amount Reason for application Mowing program <p>Districts will provide the VCP for FY 02/03 to the RWQCB by May 15, 2002.</p>				
<p>Vegetated Slope Evaluation</p> <p>The Department's Maintenance Inspection and Slope Stabilization Team (MISST) created a Preliminary Slope Inspection Form, further discussed in Annual Report Section 5.2.3, that will be used to inspect all roadside vegetated slopes over the course of 5 years. After approval of the program by the SWRCB, a plan to inspect District slopes will be submitted to the RWQCB at a mutually agreeable date.</p>				
	Route/PM	County	Inspection Schedule	Remediation Action Planned
NONE				

- (1) Significant road maintenance activities includes projects involving grade changes, additional hydraulic capacity, direct discharges to surface waters, increases in impervious surface area, or other activities identified or agreed to between RWQCB and Caltrans staff.

(2) Criteria

SWPPP = Greater than 5 acres of land disturbance

303d = 303 (d) listed water body with project limits and affected by project. All projects indicated are 303d non-visible pollutants unless indicated by (SED). The only 303d listed sediment polluted water is Mugu Lagoon in Region 4 and Bear Creek in Region 6, that are not listed in Table 5-2.

401 = 401 Certification/Waiver required

SEP = Supplemental Environmental Project

Retro = Storm Water Retrofit Project (SWMP 4.4.2)

LT = Lahontan RWQCB specific requirements for the Lake Tahoe Hydrologic Unit

HR = Project limits within High Risk Area

RB = RWQCB designated projects as a potential threat to water quality

* The project's range of postmile falls in two regions, Region 4 and Region 6. Thus the project is listed on both Regional Workplans.

** The project's range of postmile falls in two regions, Region 4 and Region 5. Thus the project is listed on both Regional Workplans.

Monitoring Activities

As part of the Maintenance Monitoring Program, under the direction of the Maintenance Storm Water Coordinator, Maintenance was actively participated in the Non-Storm Water Inspections, Maintenance Activity Pollution Prevention Plan (MAPPP), Facility Pollution Prevention Plan (FPPP), and the Maintenance Facility BMP Effectiveness Programs.

In order to minimize impact to water bodies by Caltrans projects, all major projects will be reviewed by different units (for example: Hydraulics, Landscape Architecture, Storm Water, Materials, Construction, and Maintenance) during District 7's Quality Review Process. During Quality Review meetings, designers are informed of the NPDES Permit requirements and available BMPs to minimize Storm Water pollution.

Construction Compliance Monitoring Program

As part of the Construction Monitoring Program, the Construction Storm Water Coordinator worked closely with the Storm Water Pollution Prevention Team to inspect and to educate Resident Engineers, inspectors, and contractors on the proper implementation of construction BMPs through field inspections and review of SWPPP and WPCP plans.

Training and Public Outreach
<p>Training of Caltrans personnel takes place during Maintenance Tailgate meetings, Resident Engineer meetings, and Project Development Quarterly meetings. Caltrans staff is also provided directions in various guidance documents.</p> <p>Maintenance provided various training to staff, to name a few were the Annual Awareness Training and the Highway Spill Response Training. During the Tailgate meetings, Maintenance Stormwater Bulletin are reviewed, proper BMP installation methods are also shared among Maintenance crews.</p> <p>Construction provided storm water training in Construction Engineer Academy and the Construction Boot Camps.</p> <p>Training will be provided to Design staff upon completion of the latest revision of the Project Planning and Design Guide.</p> <p>Additional programs such as the Litter Ramp Study and Keep America Beautiful (KAB).</p>
<p>Public outreach, demonstration of Enviroscope watershed model in elementary schools in Culver City and in the Los Angeles County Fair.</p>
<p>Public outreach in and local agency events such as water sampling.</p>
<p>District 7 uses a variety of methods to educate the public about the importance of managing storm water. This consists of a variety of written materials, bulletins, websites, workshops and the Caltrans Adopt-a-Highway Program. The written material is designed to appeal to the general public while providing technical information on selected Caltrans projects and activities. District 7 installed "No Dumping" and "Litter Free" signs at selected locations on highways and freeways. Stenciled warnings prohibited discharges to drain inlets at park-and-ride lots, rest areas, vista points and other areas with pedestrian traffic.</p>

Municipal Coordination

District 7 coordinates storm water management activities with municipalities, flood control districts, RWQCB's and other entities as necessary. Coordination is implemented through informal discussions, meetings, agreements, procedures, and special studies.

TABLE 5-3: GENERAL MANAGEMENT PRACTICES

Monitoring Activities
Monitoring activities will be conducted in accordance with the statewide program described in the Storm Water Monitoring Plan FY 01/02.
Construction Compliance Monitoring Program
Construction activities are inspected through the Construction Compliance Monitoring Program. Monitoring results are provided in the annual report.
Training and Public Outreach
Quarterly training on storm water issues will be provided to crews.
Public outreach, demonstration of watershed in elementary schools in Culver City.
Public outreach in Los Angeles County Fair and local agency events such as water sampling.
Two-day training seminars are planned for each of the District maintenance and construction supervisors.
Freeway Ramp Litter Management Study joined the forces of the Los Angeles Regional Water Quality Control Board and the California Highway Patrol in an all-out anti-litter public outreach campaign. The campaign reminds motorists to join the fight to keep litter away from our roadways and drainage systems. The 36 week period from May 20, 2000 to January 27, 2001 was held at Cal State University.
Municipal Coordination

